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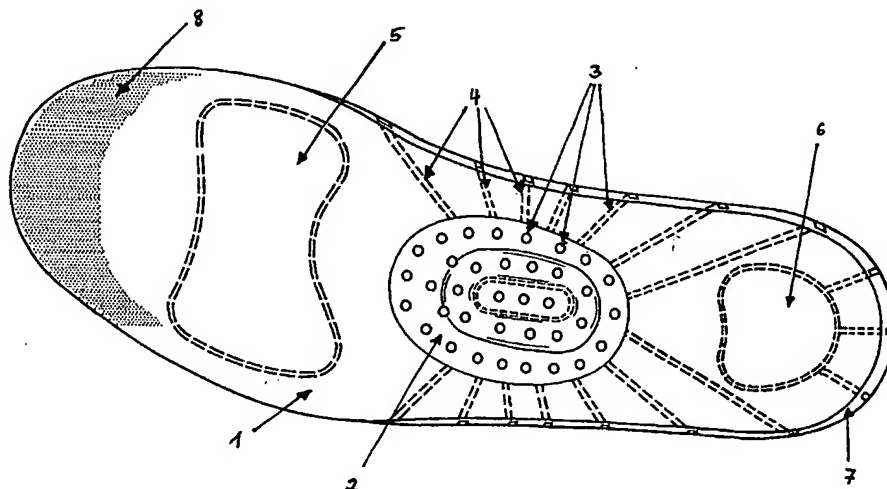
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(75) Erfinder/Anmelder (nur für US): AHLBÄUMER, Georg [DE/CH]; Via Arona 34, CH-7500 Sankt Moritz (CH).
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- (74) Anwalt: KNAUER, Reinhard; Grünecker, Kinkeldey, Stockmair & Schwanhäusser, Maximilianstrasse 58, 80538 München (DE).
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- (30) Angaben zur Priorität: 102 41 961.2 10. September 2002 (10.09.2002) DE
- (71) Anmelder (für alle Bestimmungsstaaten mit Ausnahme von US): CETEC AG [LI/LI]; Landstrasse 104, FL-9490 Vaduz (LI).

[Fortsetzung auf der nächsten Seite]

(54) Title: INSOLE AND SHOE HAVING AN INSOLE

(54) Bezeichnung: INNENSOHLE UND SCHUH MIT INNENSOHLE



(57) **Abstract:** The invention relates to an insole that is essentially adapted to the profile of a human foot and has, in the middle foot area, an elastically deformable dome-like arch that faces the foot. The aim of the invention is to reduce the technical complexity and financial expense of producing an insole, to increase the wearing comfort of a shoe by an insole, particularly by an insertable insole, to improve the fit of the shoe by means of an insole, and to ventilate or aerate the inside of the shoe with the aid of an insole. To these ends, the inventive insole comprises, in the area of the elastically deformable arch, at least one ventilation opening that, during walking, interacts with the elastically deformable arch to ventilate the inside of the shoe.

(57) **Zusammenfassung:** Die vorliegende Erfindung bezieht sich auf eine Innensohle, die im Wesentlichen dem Profil eines menschlichen Fusses angepasst ist und im Mittelfussbereich eine dem Fuss zugewandte kuppelartige, elastisch verformbare Wölbung aufweist. Um den technischen sowie den finanziellen Herstellungsaufwand

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(84) Bestimmungsstaaten (*regional*): ARIPO-Patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), eurasisches Patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), europäisches Patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI-Patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Veröffentlicht:

— mit internationalem Recherchenbericht

*Zur Erklärung der Zweibuchstaben-Codes und der anderen Abkürzungen wird auf die Erklärungen ("Guidance Notes on Codes and Abbreviations") am Anfang jeder regulären Ausgabe der PCT-Gazette verwiesen.*

einer Innensohle zu verringern, sowie den Tragkomfort eines Schuhs durch eine Innensohle, insbesondere durch eine Einlegesohle, zu verbessern und die Passform des Schuhs mittels einer Innensohle zu erhöhen sowie das Schuhinnere mit Hilfe einer Innensohle zu be- bzw. entlüften, weist die erfindungsgemäße Innensohle im Bereich der elastisch verformbaren Wölbung mindestens eine Entlüftungsöffnung auf, die beim Gehen in der Zusammenwirkung mit der elastisch verformbaren Wölbung eine Ventilation des Schuhinnenraums bewirkt.

## INTERNATIONAL SEARCH REPORT

International Application No

PC 03/10069

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A43B7/08 A43B7/06 A43B17/08

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A43B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	FR 2 395 719 A (BOIS PIERRE) 26 January 1979 (1979-01-26)	1-4,9-11
Y	page 2, line 2 - line 21; figures 1,2	5,6, 12-15
Y	EP 1 118 280 A (LOTTO SPORT ITALIA S P A) 25 July 2001 (2001-07-25) paragraph '0022! - paragraph '0045!; figures 2-6	5,6, 12-15
X	FR 2 692 448 A (GOSTOVIC MILAN) 24 December 1993 (1993-12-24) page 2, line 10 -page 4, line 29; figures 1,2	1-5,8-11
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☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

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16/12/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax (+31-70) 340-3016

Authorized officer

Cianci, S

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International Application No  
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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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